

FIG. 2

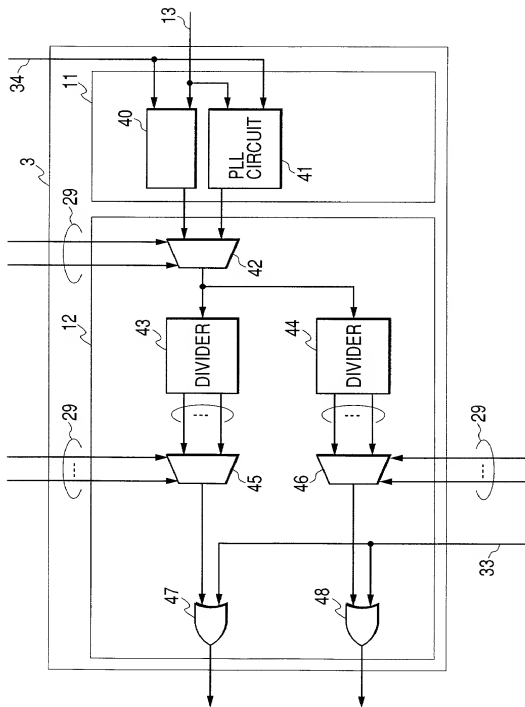


FIG. 3

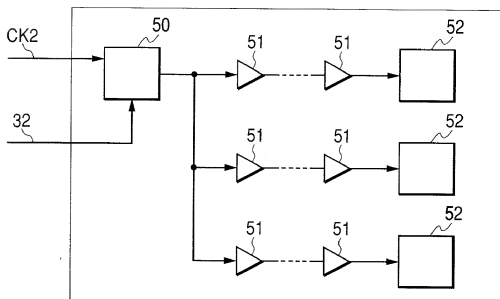
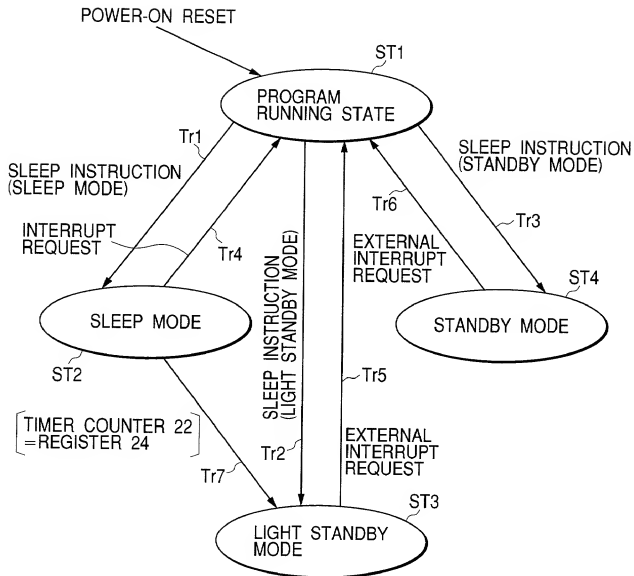


FIG. 4

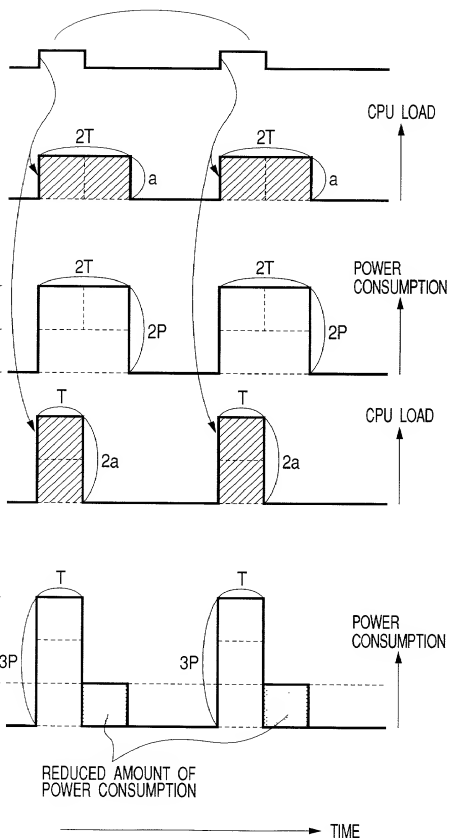
SBY	LTSBY	OPERATION MODE TRANSITION WHEN SLEEP INSTRUCTION IS EXECUTED
0	0	SLEEP MODE
0	1	LIGHT STANDBY MODE
1	0	STANDBY MODE
1	1	STANDBY MODE

FIG. 5



**FIG. 6(A)**DATA PROCESSING  
REQUEST**FIG. 6(B)**DATA THROUGHPUT  
ORDINARY**FIG. 6(C)**(POWER CONSUMPTION)  
LEVEL IN PROGRAM  
RUNNING STATE(POWER CONSUMPTION)  
LEVEL IN SLEEP MODE(POWER CONSUMPTION)  
LEVEL IN LIGHT  
STANDBY MODE**FIG. 6(D)**DATA PERFORMANCE  
IMPROVEMENT**FIG. 6(E)**(POWER CONSUMPTION)  
LEVEL IN PROGRAM  
RUNNING STATE(POWER CONSUMPTION)  
LEVEL IN SLEEP MODE(POWER CONSUMPTION)  
LEVEL IN LIGHT  
STANDBY MODEREDUCED AMOUNT OF  
POWER CONSUMPTION

TIME



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FIG. 7

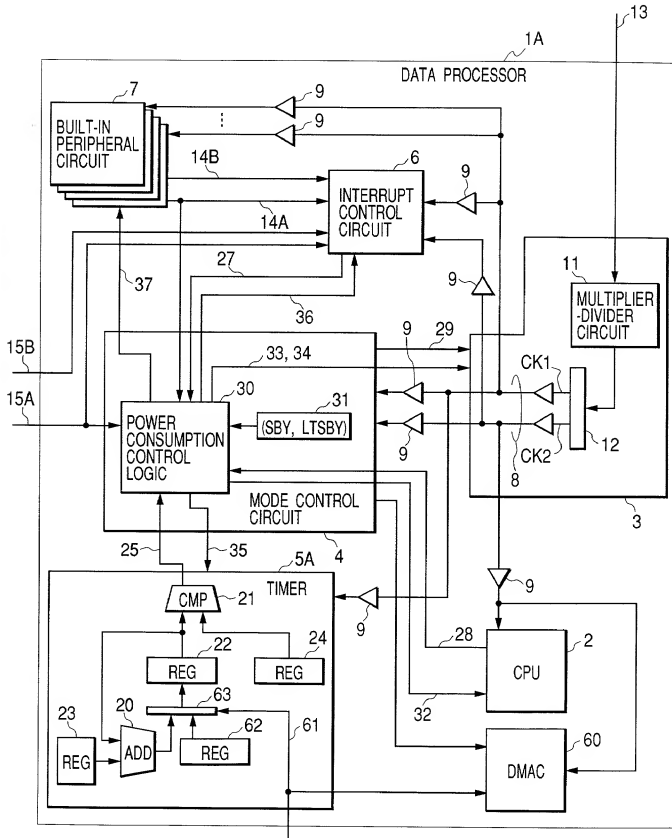


FIG. 8

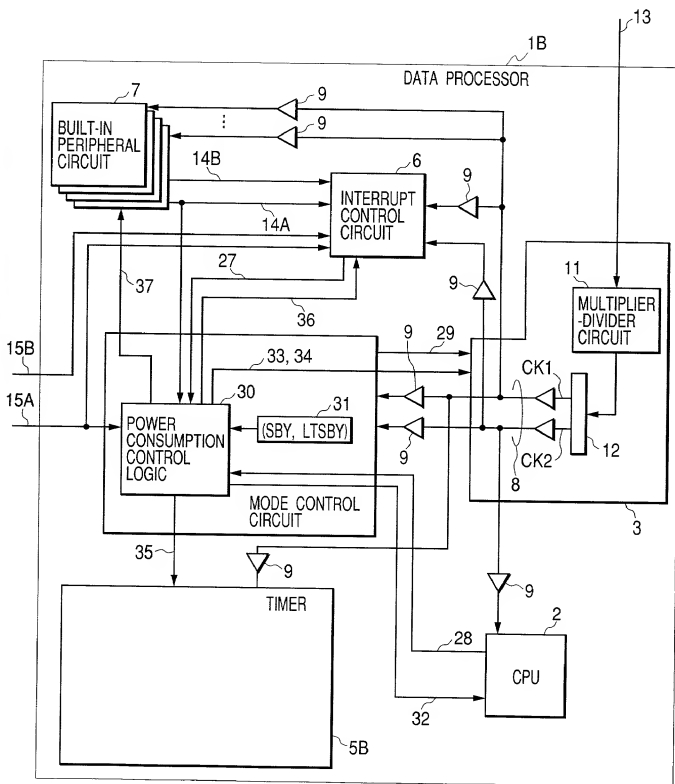
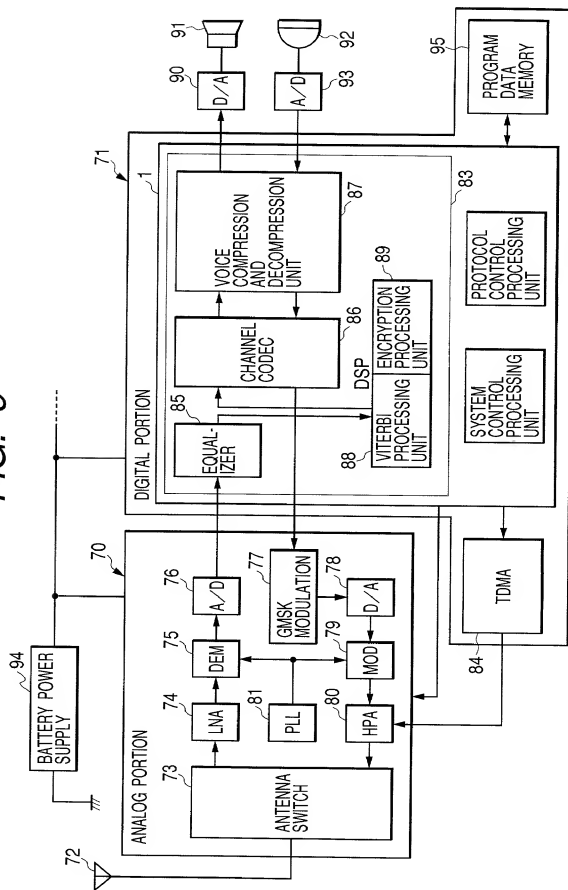


FIG. 9





VOICE DATA RECEIVING

**FIG. 10(B)**

OPERATING RATE OF  
BUILT-IN PERIPHERAL  
CIRCUIT (SERIAL I/F)

**FIG. 10(C)**

CPU PROCESSING LOAD

**FIG. 10(D)**

POWER CONSUMPTION  
OF DATA PROCESSING  
NOT INCLUDING ST3

## OPERATION MODE

FIG. 10(E)

POWER CONSUMPTION  
OF DATA PROCESSOR 1

## OPERATION MODE

